Industrial Groundwater Pump-Out Application
NPDES/SDS Permit Program

The National Pollutant Discharge Elimination System (NPDES)/State Disposal System (SDS) Permit Program regulates wastewater discharges to land and surface waters. This application applies to the discharge of contaminated groundwater, where toxic or hazardous materials which have been released to or leached into the ground water and is most closely associated with clean-up activities including petroleum-related releases and volatile organic compounds associated with solvents and degreasing agents. This application also applies to construction dewatering discharges where it is known or can reasonably be expected that groundwater encountered during excavation activities will be contaminated by petroleum hydrocarbons and/or volatile or semi-volatile organic compounds. Any other discharge types will require a different permit application.

Complete the application by typing or printing in black ink. Attach additional sheets as necessary. For more information, please contact Emma Ziebarth of the Minnesota Pollution Control Agency (MPCA) at 651-757-2445.

- Review the application to ensure all requested items are submitted with this application.
- Please make a copy for your records.
- Refer to the Transmittal Form for mailing instructions.

Permittee name: ___________________________ Permit number: MN

Are you applying for the Groundwater Pump-Out General Permit? ☐ Yes ☐ No

If yes, check which is applicable to the facility:
☐ Category I – Groundwater pump and treat discharge systems that have oversight by an MPCA Remediation Program.
☐ Category II – Long term discharge of treated groundwater associated with dewatering for foundations or construction.
☐ Category III – Short term discharge of groundwater for dewatering from construction projects not associated with remediation.

Facility information

1. Please identify those MPCA Remediation or Permitting staff with whom you have worked with on this project. If applicable, include the MPCA Spill, Leak Site, or cleanup site identification number:

2. Include a United States Geological Service 7.5 min topographic map showing the location of the pump-out well, groundwater sampling locations, and route to receiving water. Identify the pump-out well local name and Minnesota Department of Health unique well number:

3. What is/are the suspected source(s) of groundwater contamination:

4. Attach a summary of the laboratory analysis results collected from the pump-out well. Also submit the laboratory data sheets. Analysis of U.S. Environmental Protection Agency Priority Pollutants, 40 CFR Part 423, Appendix A is required for Category II and III and must be submitted with the initial permit application. If this is an application for reissuance of an existing permit, only those parameters detected in the initial Priority Pollutant analysis shall be sampled and analyzed for submittal. Review your existing NPDES/SDS permit to see if it has special testing requirements for permit reissuance.

5. Indicate the name of the laboratories that analyzes your samples and the certification ID:
6. Describe the treatment system for the contaminated groundwater. An oil/water separator and aeration or activated carbon adsorption system, or comparable treatment, is required. (*Category III may be an exception as determined by the MPCA.*) For permit reissuance or modification, also note any changes to the treatment system since this permit was last issued.

7. Go to the MPCA chemical additive webpage at: http://www.pca.state.mn.us/a6krka9 to find the documents necessary to complete the approval process. Your additives will not be approved for use until you complete this process. MPCA Effluent Limits approval is required for any additives that are new, increasing in usage, or not previously approved. List below the chemical additives that are used or proposed to be used in the groundwater remediation and treatment system. This includes the process reagents, flocculants, descalants, corrosion inhibitors, biocides, wastewater treatment chemical additives, chlorine or other disinfectants, detergents, cleaning products, freeze conditioning agents, etc.

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8. Have you already obtained a Minnesota Department of Natural Resources (DNR) water appropriations permit for this pump out?  
☐ Yes  ☐ No  If yes, what is the DNR permit number: ____________________________

9. The groundwater pump-out water will be routed to (check those that apply):

☐ Storm water retention basin or pond  ☐ Surface waters (ditches, streams, lakes, wetlands, etc.)
  *(Indicate the water body below)*

☐ Municipal storm sewer*  ☐ Drain tile system*

☐ Municipal sanitary sewer*  ☐ Septic tank/drainfield

☐ On-land disposal or land application (including infiltration gallery or irrigation of croplands or lawns)

*If so, do you have approval from the local sewer district or local unit of government?  ☐ Yes  ☐ No  
Name of receiving water body: ______________________________________________________

10. Complete the table below for each discharge point that includes the pump-out water. Discharge points include, for example, pipes, culverts and spray nozzles.

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<th>Station ID/Outfall number</th>
<th>Discharge flow rate, million gallons per day</th>
<th>Flow duration and frequency (Note if there are only certain months when the discharge would occur)</th>
<th>Where will the treated wastewater go? What route will it take to surface receiving waters and/or land application sites?</th>
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If the pump out will be routed to a storm sewer, please contact the sewer authority to confirm where the sewer discharges. Include this sewer route information in the right-hand box above.

11. Has the groundwater remediation system already been installed?  ☐ Yes  ☐ No  
If the pump out has begun, what date did it start (mm/dd/yyyy)? ____________________________

If the pump out has not begun, what date is proposed for it to start(mm/dd/yyyy)? ____________________________

What date do you anticipate the pump out ending (mm/dd/yyyy)? ____________________________

12. Describe how and where the sediments, residual solids and sludges removed from the wastewater treatment systems at the facility will be disposed of: